Sheet 1 of 8

	M PTO-	1449			of Commerce		Atty. Docket No.		Appl. No.		
	. 7-80)				Trademark Office	:	298.41		10/51	1,421	
LIST	OF RI	EFERENCI	ES CITED BY A	PPLIC	CANT		Applicant:	بريس			
							PATERNO	OSTE	K, ET AL	J.	
(Use	several	sheets if nec	essary)				Filing Date: October 28, 2002				
				44	U.S.	PATENT	DOCUMENTS				
Exan			Document Nun	nber	Date	Name		Class	Subclass	Filing	Date
					FOREIC	ON PATE	NT DOCUMENTS				
Exan	niner		Document Nun	nber	Publication Da	te	Country	Class	Subclass	Transl: Yes	
пшиа	115 .									163	110
		· · · · · · · · · · · · · · · · · · ·	ОТНЕ	R REI	FERENCES (Inc	luding A	uthor, Title, Date, Pertinent Pages,	Etc.)		· · · · · · ·	
Exar	niner als		Document Date	Aut	thors/Description	/Title/Pul	blisher				
	\R/	Α0	2001				ke Chivers, and Greig Inglis. Thermore		ects of DnWate	r during	
		A1	1998	Saw		V. A. Latzl	ta, R. P. Matott, and S. J. Montain. Hy		cts on temperati	ire regula	tion.
		A2	1999				Gannon, Jiri Zamecnik, Valerie Gil, and	Greg M. E	Irown. Low dos	ses of	
					atonin and diurnal 308 - 316.	effects on	thermoregulation and tolerance to unco	mpensable l	neat stress. JA	opl Physic	ol,
		A3	1985				the Cammermeyer. Emergence of reat conditions. Military Medicine, vol.			ed chemi	cal
		A4 .	1991	Kra	ning II, Kenneth K	and Rich	ard R. Gonzalez. Physiological conseque heat stress. J Appl Physiol, 71: 2138-	ences of in		ise during	
		A5	1993	Mc	Lellan, Thomas M	f. Work p	erformance at 40°C with Canadian for Med, 1094 - 1100.		cal and chemic	al protec	tive
		A6	1994	Mo	ntain, Scott J., Mi	ichael N. S	Sawka, Bruce S. Cadarette, Mark D. C				
			1				impensable heat stress: effects of exenual medicine Division, US Army Rese				nd
			ł		dicine, 216 – 222		ma meaterne bivision, OS Army Rese	uren mann			
		A7	1999				F. Coyle. Influence of body water and Exerc Sport Sci Rev, 2:167-205.	blood volu	me on thermore	gulation a	ınd
\Box		A9	1996	Sav	vka, Michael N., A	Indrew J.	Young, Paul B. Rock, Timothy P. Lyons				
							hard C. Dennis, Kent B. Pandolf, and C ogenous erythrocyte volume expansion.			xlimatiza	tion
		A10	1992	Sav	vka, Michael N., A	Indrew J.	Young, William A. Latzka, P. Darrell N	eufer, Mark	D. Quigley, an		
\vdash	$\!$	ALL	1993				at strain during exercise: influence of hy replacement during exercise. Exerc) .
- /^	R/	A12	1993	Che	eung, Stephen S.,	and Tom	M. McLellan. Heat acclimation, serol	oic fitness,			
- <i>'</i> /	u V		 	tole	rance during unco	ompensabl	e heat stress. J Appl Physiol 84:1731	1739.			
		 	+	+							
		 	+	+-							
\vdash		1	 	1-							
		 	1	1							
<u> </u>	•	L		1		Le	- Considered				
Exa	miner	/Aaroi	n Roane/			Da	te Considered 06/13/2007				

^{*} Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

Sheet 2 of 8

FORM PTO (Rev. 7-80)	-1449			of Commerce Trademark Office		Atty. Docket No. 298.41		Appl. No. 10/51	1,421			
JIST OF R	EFERENC	ES CITED BY	APPLIC	ANT		Applicant: PATERNOSTER, ET AL.						
Use several	sheets if no	ecessary)				Filing Date: October 28						
	, , , , , ,			U.S. P	ATENT	DOCUMENTS			·········			
xaminer nitials		Document Nu	mber	Date	Name		Class	Subclass	Filing Date			
	1	1		FOREIGN	N PATE	NT DOCUMENTS	 -	<u> </u>				
Examiner nitials	<u> </u>	Document Nu	mber	Publication Date		Country	Class	Subclass	Translation Yes No			
		ОТН	ER RE	FERENCES (Inch	uding Au	ithor, Title, Date, Pertinent P	ages, Etc.)	<u> </u>				
Examiner Initials	T	Document Date	Aut	hors/Description/	Title/Put	olisher						
/AR/	В0	2002				d Panagiota Klentrou. DriWater			rtment of			
	Bi	1997	Am W.	strong, Lawrence E Kenefick, John W. (., Carl M Castellani	. Maresh, Catherine V. Gabaree , and Lynn E. Ahlquist. Thermal	Jay R. Hoffman, and circulatory n	Stavros A. Kavesponses during				
	B2	1999	Coc	hrane, Darryl J., Go	rdon G. S	ation, and water intake. J Appl F Sleivert. Do changes of heat and Med Sport, 2:322 - 332			ion and			
	B3	1999	Cra	ndall, C. G., B. D.	Levine, a	nd R. A. Etzel. Effect of increas pl Physiol, 86: 605 - 610.	ing central venou	s pressure durin	g passive			
	B4	1974	deh	Dill D.B., and Costill D.L. Calculation of percentage changes in volumes of blood, plasma, and red cells in dehydration. J Appl Physiol, 37: 247 – 248.								
	B5	1997	imp	Gonzalez-Alonso, Jose, Ricardo Mora-Rodriguez, Paul R. Below, and Edward F. Coyle. Dehydration markedly impairs cardiovascular function in hyperthermic endurance athletes during exercise. <i>J Appl Physiol</i> , 82:1229-1236 Gonzalez-Alonso, Jose, Ricardo Mora-Rodriguez, and Edward F. Coyle. Stroke volume during exercise:								
	B6	2000	inte	interaction of environment and hydration. Am. J Physiol Heart Circ. Physiol, 278:H321 - H330. Gonzalez-Alonso, Jose, Ricardo Mora-Rodriguez, and Edward F. Coyle. Supine exercise restores arterial ble								
	B7	1999		sure and skin blood		Mora-Rodinguez, and Edward P pite dehydration and hypertherm						
	B8	1999	Infl		erature on	a Teller, Signe L. Anderson, Fran a the development of fatigue duri						
	B9	2001	Ingl dur	is J.G., Chivers M., ing exercise in the I	Cunliffe heat. C.S.	M., Plyley M., and Klentrou P. I E.P. 2001 Annual Meeting, Mo						
	B10	1978		J Appl Physial, 26 cson, A.S. & Polloci		Generalized equations for predic	ing body density	in men. Br J Na	tr, 40:497-50			
	BII	1996				Proppe. Cardiovascular adjustry I. Physiol, sect. 4, vol 1, pt II, c.			of Physiolog			
	B12	2000	Kle		re, W., an	d Faught, B., Exercise Physiolog			niversity,			
	B13	1991				d R. Gonzalez. Physiological co		tennittent exerci	se during			
	B14	1998	and		lyperhydi	Sawka, Scott J. Montain, Gary S ation: tolerance and cardiovascu 1864.						
	B15	1997	Lat	ka, William A., Mi	chael N. : Iyperhydi	Sawka, Scott J. Montain, Gary S ration: thermoregulatory effects of						
	B16	1973				s for prolonged occupational exp	osure to heat. Fe	deration Proc	32:1602-1606			
	BI7	1998		ughan, R. J. and S. I erts Med, 19:S167 -		fis. Dehydration, re-hydration at	nd exercise in the	heat; concluding	remarks. J			
	B18	1999	mel			Garmon, Jiri Zamecnik, Valerie of thermoregulation and tolerance to						
V	B19	1992	Mo	ntain, Scott J., and I		. Coyle. Fluid ingestion during e pl Physiol, 73:903 - 910.	xercise increases	skin blood flow	independent o			
/AR/	B20	1998	Mo		Foshiyuki earch, II	Itoh, and Akira Takamata. The 15:502 - 507.	•	l body fluid in h	ot environmen			
Examiner	/Aar	on Roane/			Dat	e Considered 06/13/200)7					

Sheet 3 of 8

	м рто	1449			of Commerce		Atty. Docket No.		Appl. No.	
(Rev	. 7-80)		Pate	nt and	Trademark Offic	×e	298.4	11	10/51	1,421
LIST	OF R	EFERENC	ES CITED BY A	PPLIC	ANT		Applicant: PAT	ERNOSTE	R, ET A	L.
(Use	several	sheets if ne	cessary)				Filing Date:	28, 2002		
					U.S	PATENT	DOCUMENTS	20, 2002		
Exar Initia	niner Ils		Document Nur	nber	Date	Name		Class	Subclass	Filing Date
			<u> </u>		FOREI	GN PATE	NT DOCUMENTS		<u> </u>	!
Exar Initia	niner als		Document Nur	nber	Publication Da	ate	Country	Class	Subclass	Translation Yes No
		[ОТНЕ	RRE	 FERENCES (Io	cluding A	uthor, Title, Date, Pertinen	ot Pages, Etc.)	1_, _	<u> </u>
Exa	miner		Document Date	Aut	hors/Descriptio	n/Title/Pu	blisher			
	R/	B21	1993	then			Strange, N. Juel Christensen, and exercise in			
		B22	1998	Ray	, Melinda L., Ma		n, Timothy M. Ruden, Shawn beverage when consumed as			
		B23	1999	com			utierrez, Juan Carlos Gutierre and fluid balance in exercisin			
		B24	1997	exer	cise performance	in the heat	F. Coyle. Influence of body Exerc Sport Sci Rev, 2:16	7 - 205.		
		B25	1998	Hyd	tration effects on	temperatun	ka, R. P. Matott, and S. J. Mo regulation. Int J Sports Me	d 19:S108 - S110.		
1	/	B26	2000	Clin	. Nutr 72: 564S -	572S.	Montain. Fluid and electroly		•	
1/	R/	B27	1992				Young, William A. Latzka, P. at strain during exercise: influ			
_				Ë						
				+				·		
_										
				1	· · · · · · · · · · · · · · · · · · ·					
				1						
Exa	miner	/Aarc	n Roane/	1		Da	te Considered 06/13/2	007		
• E	aminer	Initial if re	ference considered	L wheth	er or not citation	n is in conf	ormance with MPEP 609; D	raw line through cita	tion if not in c	onformance and

not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

Sheet 4 of 8

FORM PT((Rev. 7-80)			Dept. of Commerce nt and Trademark Office	;	Atty. Docket No. 298.41		Appl. No. 10/51	1.421
LIST OF F	REFERENC	ES CITED BY A	PPLICANT		Applicant:			
	tor bittare				PATERNO	OSTE	R, ET AI	
(Use severa	al sheets if no	ecessary)			Filing Date: October 28, 2002			
			U.S.	PATENT	DOCUMENTS			······································
Examiner	1	Document Nun	nber Date	Name		Class	Subclass	Filing Date
Initials	+						 	
			FOREIC	ON PATE	NT DOCUMENTS			
Examiner		Document Nun	nber Publication Da	te	Country	Class	Subclass	Translation
Initials							 	Yes No
		ОТНЕ	R REFERENCES (Inc	luding A	uthor, Tide, Date, Pertinent Pages,	Etc.)		
Examiner Initials	T	Document Date	Authors/Description	/Title/Pu	blisher			
/AR/	CI	1998			M. McLellan. Heat acclimation, aerob		and hydration o	ffects on
7710	C2	1998			e heat stress. J Appl Physiol, 84:1731 M. McLellan. Influence of short-term		ining and hydro	ation status on
			tolerance during unco	mpensabl	e heat stress. Eur J Appl Physiol Occu	p Physio,.	78:50 - 58.	
	C3	1998 .	tolerance while wear	ing NBC p	M. McLellan. Influence of hydration s protective clothing. Eur J Appl Physics	, 77:139 -	148.	
	C4	1999			M. McLellan. Comparison of short-te- ensable heat stress. Aviat Space Envir			gh aerobic
	CS	2000	Cheung, Stephen S.,	Tom M. N	icLellan, and Sandra Tenaglia. The ti ons and individual characteristics. Re	ermophys	iology of uncor	
	C6	1992	Coyle, Edward F., an	d Scott J.	Montain. Benefits of fluid replaceme			
	C7	1968			. Allan. Reconstruction of a severe ca	se of attrit	ion and abrasic	on. Br Dent J,
	C8	1974	125:17 - 19 Mack, D.O., Julia J.	Watson, A	. M. Chandler, and B. Connor Johnson	n. Inducti	on of glucose-6	phosphate
			dehydrogenase by a	90% carbo	hydrate diet and 8-azaguanine insensi isfer from the 90% carbohydrate diet t	tive induct	ion of glucose-	6-phosphate
	C9	1994		dy fluid ba	seman, Gary W. Langhans, Herbert S lance in dehydrated healthy older men			
	C10	1966	Mack, James F., Mile 99m pertechnetate.		ber, and Leslie R. Bennett. Brain scald, 7:633 - 640.	nning; nor	nal anatomy wi	th technetium-
	C11	Post 1969	Mack, M. E. Stimul	ated therm	al rayleigh scattering with picosecond	pulses. Ar	in N Y Acad Sc	i, 168:419 -4 36
	C12	1967	Mack, Pauline Berry Clin Nutr, 20:1194 -		L. LaChance. Effects of recumbency	and space	flight on bone	density. Am J
	C13	1968	Mack, Pauline Berry	, Rudolf A	a. Hoffman, and Aliya N. Al-Shawi. Fes of diets during restraint and non-res			
	C14	1969	Mack, R.D. Corresp		Treatment of hyaline-membrane disea			31.
\Box	C15	1965			ieneralized reactions to thyrotropin.			1049 1050
	C16 C17	1966 1966	Mack, Robert M., Jo	ohn R. Har	olism in whole and sliced rat rhyroid le tmann, and Lester R. Sauvage. Iliofer			
	C18	1966	Mack, William S. T	he assessr	. J Pediatr, 68:374 - 380. ment of male infertility. Proc R Soc M			
	C19	1967	McLellan, G. H., and	d J.D. Bill	ings. Suxamethonium sensitivity. N 2	Med J, 60	5:159 – 162.	
	C20	1992			mier, B. Eng, and S. Livingstone. Infl ce times at 40°C. Aviat Space Environ			tective clothing
1	C21	1993	McLellan, Thomas N	и., S.S. C	neung, and M.R. Meunier. The effect ramaximal exercise performance. Eur	of normac	apnic hypoxia	
/AR/	C22	1993			bs, and J.B. Bain. Continuous vs. into	rmittent w	ork with Canad	lian forces NBC
Examiner	/Aaı	ron Roane/	1 clouding. Armi Space		te Considered 06/13/2007			
	r: Initial if r	eference considered			ormance with MPEP 609; Draw line t	hrough cit	ation if not in c	onformance and
	ered. Includ 4-DC 80-398		with next communication	n to apple	cant			

Sheet 5 of 8

FORM PTO (Rev. 7-80)	-1449			of Commerce Trademark Office		Atty. Docket No. 298.41		Appl. No. 10/51	1 421		
LIST OF R	EFERENCE	ES CITED BY A	PPLIC	CANT		Applicant:					
<u> </u>						PATERN	OSTE	R, ET AI	· 		
(Use several	sheets if nec	essary)				Filing Date: October 28, 2002					
				U.S.	PATENT	T DOCUMENTS					
Examiner Initials		Document Num	ber	Date	Name		Class	Subclass	Filing Date		
				FOREIC	N PATEN	VT DOCUMENTS	L				
<u></u>								Υ- <u></u>			
Examiner Initials		Document Nurr	рег	Publication Date	ie 	Country	Class	Subclass	Translation Yes No		
<u> </u>	<u> </u>	ОТНЕ	R REI	FERENCES (Inc	luding Au	ithor, Title, Date, Pertinent Pages,	Etc.)	1	l		
Examiner Initials		Document Date	Aut	hors/Description	/Title/Pub	olisher	<u>.</u>				
/AR/	C23	1993				erformance at 40°C with Canadian for Med, 64:1094 - 1100.	ces biologi	cal and chemic	al protective		
	C24	1993	McI	Lellan, Thomas M	., I. Jacob	s, and J. B. Bains. Influence of tempores NBC clothing. Aviat Space Envir			on work		
	C25	1994	Mcl	Lellan, Thomas M	., and J. F	rim. Heat strain in the Canadian forciol, 19:379 – 399.			ng: problems		
	C26	1994	McI	Lellan, Thomas M	., D. G. B	ell, and J.K. Dix. Heat strain with co yer. Aviat Space Environ Med, 65:7:		ng worn over a	chemical		
	C27	1995	McI	Lellan, Thomas M	., S.S. Ch	eung, and I. Jacobs. Influence on ond hat clothing. Aviat Space Environ A	ansetron or		tion during		
C28 1995 McLellan, Thomas M., S.S. Cheung, and I. Jacobs. Vairabili exercise. Can J Appl Physiol, 20:39 - 51.			eung, and I. Jacobs. Vairability of tin			bmaximal					
	C29	1996	McI	Lellan, Thomas M	., and M.I	3. Ducharme. Influence on Granisetre n Med, 67:453 – 457.	on on them	oregulation du	ring exercise		
	C30	1996	McI	Lellan, Thomas M	. Heat str	ain while wearing the current Canadia viat Space Environ Med, 67:1057 -		hot-weather F	rench NBC		
	C31	1996	McI	Lellan, Thomas M	., J.I. Pop	e, J.B. Cain, and S.S. Cheung. Effect trive clothing. Eur J Appl Physiol Oc	s of metabo				
	C32	1996	McI		., and Y.	Aoyagi. Heat strain in protective clot					
	C33	1998	McI	Lellan, Thomas M	. Sex-rela	ated differences in thermoregulatory reccup Physiol, 78:28 - 37.	esponses w	hile wearing pr	otective		
	C34	1999	McI	Lellan, Thomas M	., J. Frim,	and D.G. Bell. Efficacy of air and licothing. Aviat Space Environ Med, 70			nd heavy		
	C35	1999	Mcl Wit	Lellan, Thomas M hey. Effects of de	., S.S. Che	eung, W. A. Latzka, M. N. Sawka, K , hypohydration, and hyperhydration (. B. Pandof	T, C.E. Millard			
 	C36	2000	McI		., and S. S	. Cheung. Impact of fluid replaceme	nt on heat s	torage while w	earing		
 	C37	1991	Mo	ntain, Scott J., Ma	ri K Hopp	s, 43:2020 - 2030. er, Andrew R. Coggan, and Edward	F. Coyle. E	xercise metabo	olism at		
	C38	1991	Mo	ntain, Scott J., and	Edward I	real. J Appl Physiol, 70:882 - 888. F. Coyle. Influence of graded dehydr	ation on hy	perthermia and	cardiovascular		
	C39	1992	Mo	ntain, Scott J., and	Edward I	ysiol, 78:1340 – 1350. F. Coyle. Fluid ingestion during exer		es skin blood f	low		
	C40	1993	Mo	ntain, Scott J., and	l Edward l	od volume. <i>J Appl Physiol</i> , 78:903 – F. Coyle. Influence of the timing of fl		on on temperati	are regulation		
	C41	1994	Mo		chael N. S	<u>,</u> 75:688 – 695. awka, Bruce S. Cadarette, Mark D. (mpensable heat stress: effects of exer					
 	C42	1995		nate. <i>J Appl Phys</i> ntain, Scott J., Wi		6 – 222. atzka, and Michael N. Sawka. Contr	ol of therm	oregulatory sw	eating is		
	C43	1998				xercise intensity. J Appl Physiol, 79: , W. A. Latzka and C. R. Valeri. The			train from		
\Box		ļ	hyp	ohydration influer	ce of exer	cise intensity. Int J Sports Med, 19:8	7-91.				
/AR/	C44	1998	Sav		n effects o	mith, Palph P. Mattot, Gary P. Zienta on skeletal muscle performance and m					
Examiner		n Roane/			Date	e Considered 06/13/2007					
• Evanninan	Initial if and	renne concidered	wheel	er or not citation	ic in confo	remance with MPEP 600: Draw line the	hanuah aita	ion if not in on	-fa		

* Examiner: Initial if reference considered, whether or not citation is in conformance with MI not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

Sheet 6 of 8

Rev. 7-80)	►1449		. Dept. of Commerce int and Trademark Office	Atty. Docket No. 298.41		Appl. No. 10/51	1,421		
JIST OF R	EFERENC	ES CITED BY A	PPLICANT	Applicant: PATERNOSTER, ET AL.					
Use severa	sheets if ne	cessary)		Filing Date: October 28, 2002					
			U.S. PATEN	T DOCUMENTS		···············			
Examiner nitials		Document Nur	mber Date Name		Class	Subclass	Filing Date		
			FOREIGN DAT	CUT DOCUMENTS					
				ENT DOCUMENTS					
Examiner nitials	ļ	Document Nun	nber Publication Date	Country	Class	Subclass	Translation Yes No		
	<u> </u>	OTHE	R REFERENCES (Including A	Luthor, Title, Date, Pertinent Pages	, Etc.)	1	11		
Examiner initials		Document Date	Authors/Description/Title/P	ublisher .					
/AR/	C45	1999		Latzka and Michael N. Sawka. Fluid	replacemen	t recommendat	ions for		
7,40	C46	2001	training in hot weather. Mil & Montain, Scott J., Michael N.	1ed, 164:502 - 508. Sawka, and C. Bruce Wenger. Hypo	natremia ass	sociated with e	xercise: risk		
	C47	1970	factors and pathogenesis. Exe Noakes, Edward H. Total end	erc Sport Sci Rev, 29:113 -117.					
+-	C47	1967	Noakes, P. William Robert R						
	· C49	1977		d Walter Beck. Coronary heart diseas	se in marathe	on runners. An	n N Y Acad		
	C50	1973		e-induced heat injury in South Africa.	S Afr Med .	<i>I</i> , 47:1968 – 19	72.		
	C51	1974		Exercises. S Afr Med J, 48:74.					
C52 1976 Noakes, Timothy D. Exercise C53 1976 Noakes, Timothy D., and J.W.				e physiology. S Afr Med J, 50:59 – 60 . Carter. Biochemical parameters in a		ra and after ha	ring sun 160		
			kilometres. S Afr Med J, 50:1	562 – 1966.					
	C54	1976	Noakes, Timothy D., and L.H 216:288 - 296	l. Opie. The cardiovascular risks and	benefits of e	xercise. Pract	itioner,		
	C55	1997	Noakes, Timothy D. Letters the Atherosclerosis, 27:119 - 120	to the Editors: Marathon running and	immunity to	coronary ather	rosclerosis.		
	C56	1979		ing exercise for the cardiac patient. S					
	C57	1979	Noakes, Timothy D., A.G. Ro death during marathon racing.	ose, and L. H. Opie. Hypertrophic car Br Heart J, 41:624 - 627.	diomyopath	y associated w	ith sudden		
	C58	1979		I. Opie. Heatstroke in a "run for fun."					
	C59	1979	Noakes, Timothy D. Electroc - 545.	cardiographi and biochemical studies o	n marathon	runners. S Afr	Med J, 56:54		
	C60	1979	Noakes, Timothy D., and L.H Heart J, 98:669 - 671.	l. Opie. Marathon running and the hea	irt: the South	h African expe	rience. Am		
	C61	1979		injuries in sport. S Afr Med J, \$6:6.		·			
	C62	1979		I. Opie, Alan G. Rose, and Pieter H.T unners. N Engl J Med, 301:86 – 89.	. Kleynhans	. Autopsy-pro	ved coronary		
	C63	1982		ke during the 1981 National Cross-Co	untry Runni	ing Champions	hips. SAfr		
	C64	1984	Noakes, Timothy D., L.H. Op fact versus fiction. Clin Spor.	oie, and A.G. Rose. Marathon running	and immun	ity to coronary	heart disease:		
	C65	1985	Noakes, Timothy D., Neil Go	odwin, Brian L. Rayner, Trevor Branl lication during endurance exercise. M					
	C66	1986		DEditor: Body cooling as a method for					
	C67	1988	Noakes, Timothy D. Why ma	arathon runners collapse. S Afr Med J					
	C68	1988	The danger of an inadequate	. Adams, Kathryn H. Myburgh, Chris water intake during prolonged exercise					
	C69	1990	57:210 – 219. Noakes, Timothy D., K.H. M predicts running performance.	yburgh, and R. Schall. Peak treadmill	running vel	ocity during the	e VO2 max te		
丁	C70	1991	Noakes, Timothy D., K.H. M	yburgh, J. Du Plessis, L. Lang, M. La ehydration, predicts rectal temperature					
W	C71	1993		placement during exercise. Exerc Spo	ort Sci Rev.	21:297 – 330.			
/AR/	C72	1994		nter Gillies. Letter to Editor: Drugs in	sport. SA	fr Med J, 84:30	54.		
Examiner	/Aar	on Roane/	D	ate Considered 06/13/2007					
	// W/		1						

USCOMM-DC 80-3985

Sheet 7 of 8

FORM PTO	-1449			of Commerce		Atty. Docket No.		Appl. No.			
(Rev. 7-80)		Pate	ent and	Trademark Office	e 	298.41		10/51	1,421		
LIST OF R	EFERENC	ES CITED BY A	PPLIC	CANT		Applicant: PATER	NOSTE	R, ET A	L.		
(Use several	sheets if ne	cessary)				Filing Date: October 28, 2			······································		
		· · · · · · · · · · · · · · · · · · ·		U.S.	PATENT	DOCUMENTS					
Examiner Initials		Document Nur	mber	Date	Name		Class	Subclass	Filing Date		
				FOREIG	ON PATE	NT DOCUMENTS	L	1			
		· · · · · · · · · · · · · · · · · · ·		-y							
Examiner Initials		Document Nur	nber	Publication Da	te	Country	Class	Subclass	Translation Yes No		
	<u> </u>	ОТНЕ	R RE	FERENCES (Inc	luding A	l ithor, Title, Date, Pertinent Pag	es, Etc.)	1	<u> </u>		
	,							···			
Examiner Initials	ŀ	Document Date	Au	thors/Description	v/Title/Pul	olisher					
/AR/	C73	1995	No	akes, Timothy D.	Dehydrati	on during exercise: What are the	real dangers?	Clin J Sport M	fed, 5:123-128.		
	C74	1998	Noa S14		Fluid and	electrolyte disturbances in heat ill	ness. Int J Sp	oris Med, 19 S	uppl 2: S146 –		
	C75	1999	No: 297	Noakes, Timothy D. Perpetuating ignorance: intravenous fluid therapy in sport. <i>Br J Sports Med</i> , 33:296-297.							
	C76	2000		Noakes, Timothy D. Exercise and the cold. Ergonomics, 43:1461-1479.							
	C77	2000		Noakes, Timothy D. Physiological models to understand exercise fatigue and the adaptations that predict or enhance athletic performance. Scand J Med Sci Sports, 10:123 – 145.							
	C78	1970		Sawaka, T. "[Measurements of average cerebral blood flow and metabolism]. Saishin Igaku, 25:1312-1318. Sawka, Michael N., W.A. Latzka, R.P. Matott., and S.J. Montain. Hydration effects on temperature							
	C79	1998	reg	ulation. Int J Spor	rts Med, 1	9 Suppl 2:S108 - S110.					
	C80	2000		vka, Michael N., s Iin Nutr, 72:564S		. Montain. Fluid and electrolyte s	supplmentation	for exercise h	eat stress. Am		
	C81	2001				ontain, and William J. Latzka. Hy Biochem Physiol A Mol Integr P.			lation and		
	C82	2001	Sav K. I	vka, Michael N., V Kraning II, and Ri	William A. ichard R. C	Latzka, Scott J. Montain, Bruce : Sonzalez. Physiologic tolerance to corts Exerc, 33:422 - 430.	S. Cadarette, N	largaret A. Ko			
/AR/	C83	1966				ack, and Philip C. Johnson. Tilt t cumbency. Aerosp Med, 37:771		and blood volu	me changes		
		-	┼	 							
	 	1	+					_			
	L										
-			 								
		-}	+								
	İ										
			\Box								
		-	+					 	·		
			_								
Examiner	/Aaro	n Roane/			Dat	e Considered 06/13/2007					
Examiner:	Initial if re	ference considered	, whet	her or not citation	is in confo	rmance with MPEP 609; Draw li	ne through cita	tion if not in co	informance and		

not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

Sheet 8 of 8

FORM (Rev.	1 PTO-144 7-80)	9			of Commerce Trudemark Office	e	Atty. Docket No. 298.41	<u></u>	Appl. No. 10/51	1,421
LIST	OF REFE	RENCE	S CITED BY A	PPLIC	ANT		Applicant: PATERN	ОСТЕ		
(Use s	everal shee	ets if nece	ssary)	····			Filing Date:	OSTE	K, EI AI	<u>ل. </u>
					U.S.	PATENT	October 28, 2001 DOCUMENTS	2		
Exami			Document Num	-ban				Class	Subclass	Elling Data
Initials			Document Nun	Dei	Date	Name	·	Class	Subclass	Filing Date
			<u>-</u>		FOREIC	I ON PATE	NT DOCUMENTS	1	J	<u> </u>
Exami Initials			Document Num	ber	Publication Da	te	Country	Class	Subclass	Translation Yes No
Thirties:									<u> </u>	
			ОТНЕ	R REI	FERENCES (Inc	luding A	uthor, Title, Date, Pertinent Pages,	Etc.)		
Exami Initial			Document Date	Aut	hors/Description	/Title/Pul	blisher			
/A		CI	2001	intra		atwe, skin	Christopher D. Ingersoll, and Jeffre temperature, and adipose thickness (5 - 850.			
	C	C2	2001	San		K. Maji.	Thermoregulation through skin under	variable atn	nospheric and p	physiological
	C	C3	2000	Mal time	l, Gita, Michael I	Hubig, Gui temperatui	ndolf Beier, Andreas Buttner, and Wo re decrease rates in the case of abrupt			
	0	C4	2000	Liar	ng, Michael T.C.,	Нису-Геп	Su, and Ning-Yuean Lee. Skin temp			w affect
	c	Cs	1997	Gat	ay, Shimon, Gen	ald W. Luc ine stain p	female fat-free mass. Med Sci Sports cassen, Wim Verkruysse, and Martin arameters from skin surface temperal	J.C. van Ge	mert. Modelli	
	c	C6	1996	Aoy	agi, Yukitoshi, T	om M. M	cLellan, and Roy J. Shephard. Resid of body heat storage in clothed subjec-			
	С	°C7	1994				racina, Hellas Cena, Giovanna Turcor ermogenesis and skin temperature. Int			
	c	C8	1994	Puh	akka, K., H. Antt	tonen, J. N	liskanen, and P. Ryhanen. Calculatio diatric anaesthesia. Br J Anaesth, 72	n of mean s	kin termperatu	
	С	C9	1993	Lia	ng, Michael T.C.,	and Scott	Norris. Effects of skin blood flow a Exerc, 25:1231 - 1239.			ric impedance
	c	C10	1993	Кла		Ассштасу і	and response time comparisons of for	r skin temp	erature-monito	ring devices.
	С	C11	1990	Cui	, Z.F., and J.C. B	arbenel. 7	The influence of model parameter value face insulation. Phys Med Biol, 35:1			n surface
	С	C12	1990	Mo	ros, E.G., R.B. R	oemer, an	d K. Hynynen. Pre-focal phane high- J Hyperthermia, 6:351 – 366.			d by scanning
	c	C13	1988	Cat	on, John R., Paul	A. Mole,	William C. Adams, and Douglas S. I of skin temperature. Med Sci Sports			analysis by
	C	C14	1988	Wil	son, Scott B., and	I Vance A	Spence. A tissue heat transfer mod neters. Phys Med Biol, 33:895 – 912.	el for relatin		temperature
	c	C15	1988	Flo	ok, V., and S.E. \	Wilcock.	A computer program to calculate meanput Biol Med, 18:25 – 29.		erature from m	easurements
	c	C16	1987	Ma	iriaux, P., J. Malo	haire, and	V. Candas. Prediction of mean skin	temperatur	e in warm envi	ronments. Eur
1	/ c	C17	1977	Hay	ward, John S., Jo	hn D. Eco	erson, and Martin L. Collis. Thermorkin and core temperatures. J Appl Ph			in man:
/AR	/ c	C18		Ing	lis, J.G., M. Chiv	ers, M. Cu	unliffe, M. Plyley, and P. Klentrou. E ock University, Applied Health Scien	ffect of Dri-	-Water® on the	ermoregulation
	€	C19 -				ww.spenc	oconvadvanced.htmlPrinted 10/28/			
Exam	iner /	/Aaroi	n Roane/			Da	te Considered 06/13/2007			
			rence considered				ormance with MPEP 609; Draw line	through cita	tion if not in co	onformance and

USCOMM-DC 80-3985

PTO/SB/08A (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

bstitute for form 1449/PTO

JAN 0 9 2007

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Coi	mplete if Known	1
Application Number	10/511,421	_
Filing Date	10-14-2004	
First Named Inventor	Joseph Paternoster	_
Art Unit	3739	
Examiner Name	ROANE, AARON F	_
Attorney Docket Number	298 41	_

U. S. PATENT DOCUMENTS Name of Patentee or **Publication Date** Pages, Columns, Lines, Where Relevant Passages or Relevant Examiner Cite **Document Number** MM-DD-YYYY Applicant of Cited Document Initials* No.1 Figures Appear Number-Kind Code² (# known) ^{US-} 6019782-A /AR/ 02-01-2000 Col. 5-16 1 Davis ^{US-} 5129391-A /AR/ 07-14-1992 Brodsky 2 Col. 2-7 US-US-US-ŪS-US-US-US-US US-US-US-IIS. US-US-US-US-US-

		FORE	GN PATENT DOCU	MENTS		
Examiner Initiats*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
		,				
						Г
						L
						Г
						Г
						۲

Examiner	/4 5 /	Date	
Signature	/Aaron Roane/	 Considered	06/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patient Documents at www.uspto.gov or MPEP 901.04. Senier Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Empire recede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Transtation is structured.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (09-06) Approved for use through 03/31/2007. OMB 0651-0031 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 144	P/PTO			Complete if Known
			Application Number	10/511,421
INFORMAT	ION DIS	CLOSURE	Filing Date	10-14-2004
STATEMEN	NT BY A	PPLICANT	First Named Inventor	Joseph Paternoster
(llee ee m	any sheets as n		Art Unit	3739
(039 83 III	any sneets as n	ecessary)	Examiner Name	ROANE, AARON F
Sheet 2	of	2	Attorney Docket Number	298.41

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/AR/	1	LINDA DVORAK, Notification of Transmittal of the International Search Report and International Search Report, dated Nov. 30, 2006	1
		·	
		·	
	,		

Examiner Signature /Aaron Roane/ Date Control	te nsidered 06/13/2007
---	---------------------------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co	mplete if Known	
Application Number	10/511,421	
Filing Date	10-14-2004	
First Named Inventor	Joseph Paternoster	
Art Unit	3739	
Examiner Name	ROANE, AARON F	
Attorney Docket Number	298 41	

				T DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/AR/		^{US-} 5,871,526 A	02-16-1999	Gibbs et al.	Columns 1-18
	1	US-			
		US-			
	ļ	US-			
		US-			4
		US-			

		FOREIG	N PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
IIIIIIIII		Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	™
						⊨
						┢
					·	-

Examiner Signature	/Aaron Roane/	,	Date Considered	08/03/2007
-----------------------	---------------	---	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). **See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiallty is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06) Approved for use through 03/31/2007. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE o a collection of information unless it contains a valid OMB control number.

	te for form 1449/PTO	304.011.7		Complete if Known		
Substitu	te 101 101111 1449/F10			Application Number	10/511,421	
INF	ORMATION	DIS	SCLOSURE	Filing Date	10-14-2004	
STA	TEMENT B	YA	PPLICANT	First Named Inventor	Joseph Paternoster	
	***			Art Unit	3739	
'	(Use as many she	ets as i	necessary)	Examiner Name	ROANE, AARON F	
Sheet	2	of	2	Attorney Docket Number	298.41	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/AR/	1	LINDA DVORAK, Written Opinion dated June 29, 2007	/
/AR/	2	KLENTROU, et al., Thermoregulatory Effects of DriWater during Exercise in the Heat dated March 23, 2001	1
		·	

Examiner Date Date				-y	
Signature /Aaron Roane/ Considered 08/03/2007	Examiner Signature	/Aaron Roane/	Date Considered	08/03/2007	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. The will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.